

Command Core System

The Power of Information

The Ghost of BE Flights

Past

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Command Core Program Champion

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Recovering Command Core Phobic

AGENDA

- ◆ COMMAND CORE OVERVIEW

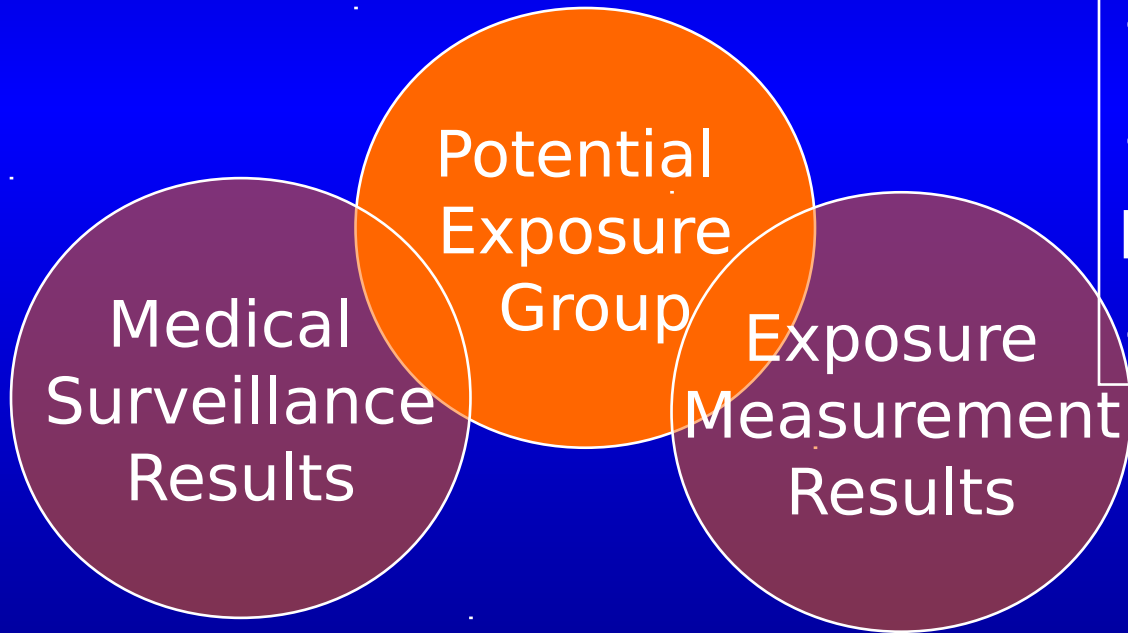
- ◆ Command Core Past
- ◆ Command Core Present
- ◆ Command Core Future
- ◆ The New Command Core

- ◆ HANDS-ON

- ◆ Electronic casefile
- ◆ Risk Management
- ◆ Initial and Full Operational Capability – what is it?

Command Core Past

The Ghost of Phoenix



7 Words About Past

- Epi-focus
- No business practice
- Ain't Microsoft

Buy this if....

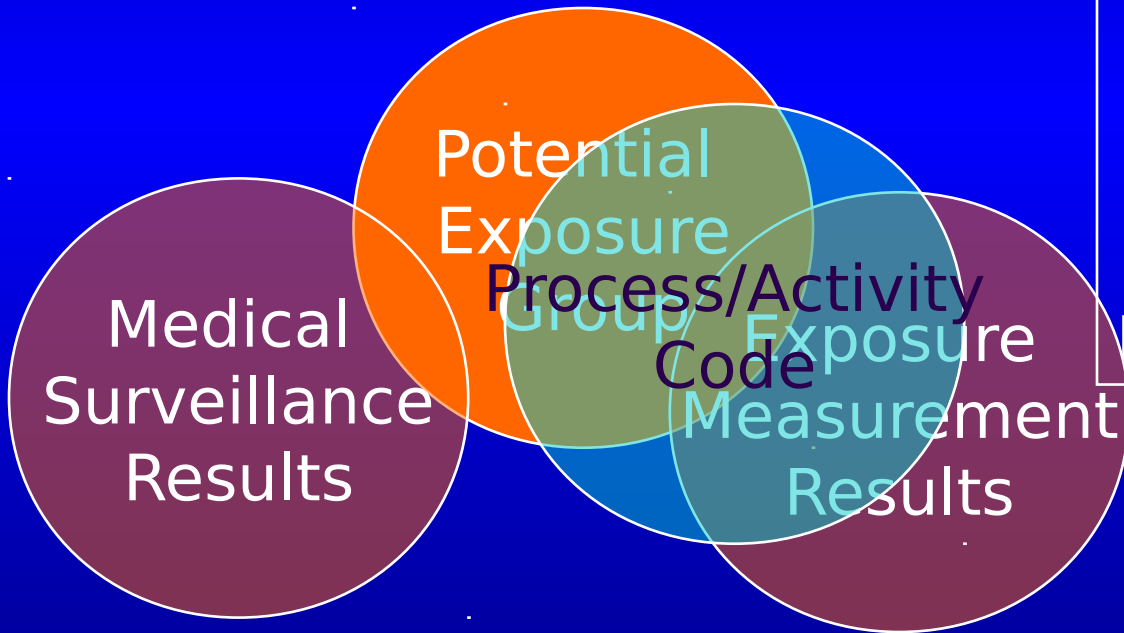
your sole interest is doing epi on past data without regard to the reason why is v

Command Core Past

The Ghost of Version 3.2

7 Words About Past

- Activity links
- Business practice?
- Still Ain't Microsoft



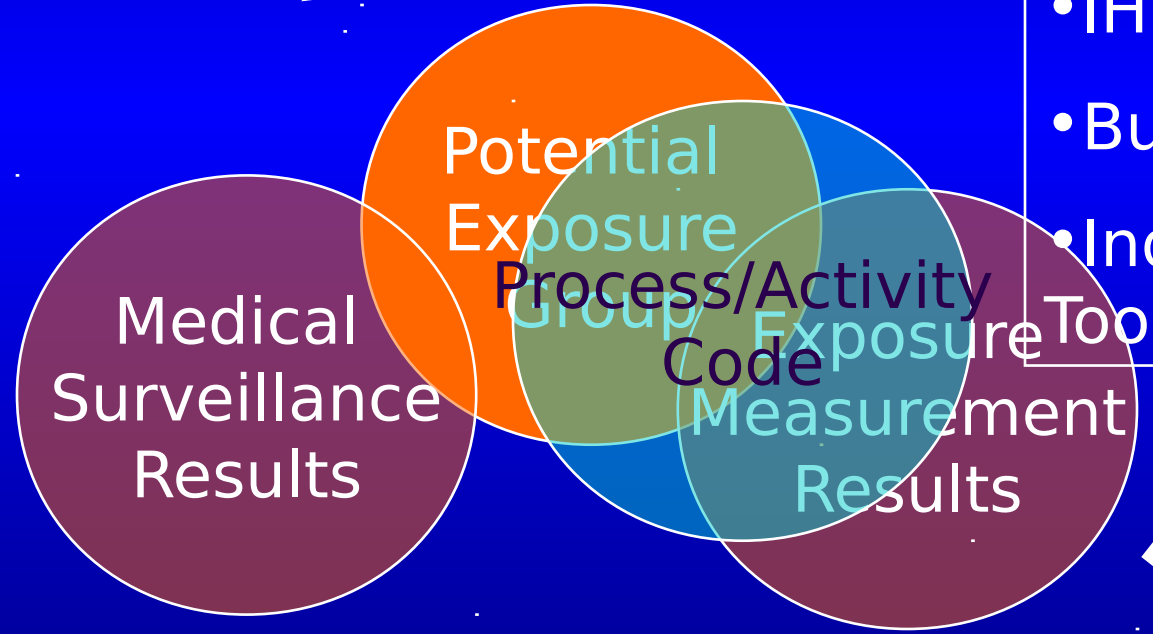
Buy this if....

*you want to add meaning but you don't mind the frustration of trying to use it
and don't mind never getting anything useful back out*

Command Core Present

The Ghost of Version 4.2/4.3

Simplify



7 Words About Present

- IH FUG
- Business practice
- Industrial Hygiene

Define

Buy this if....

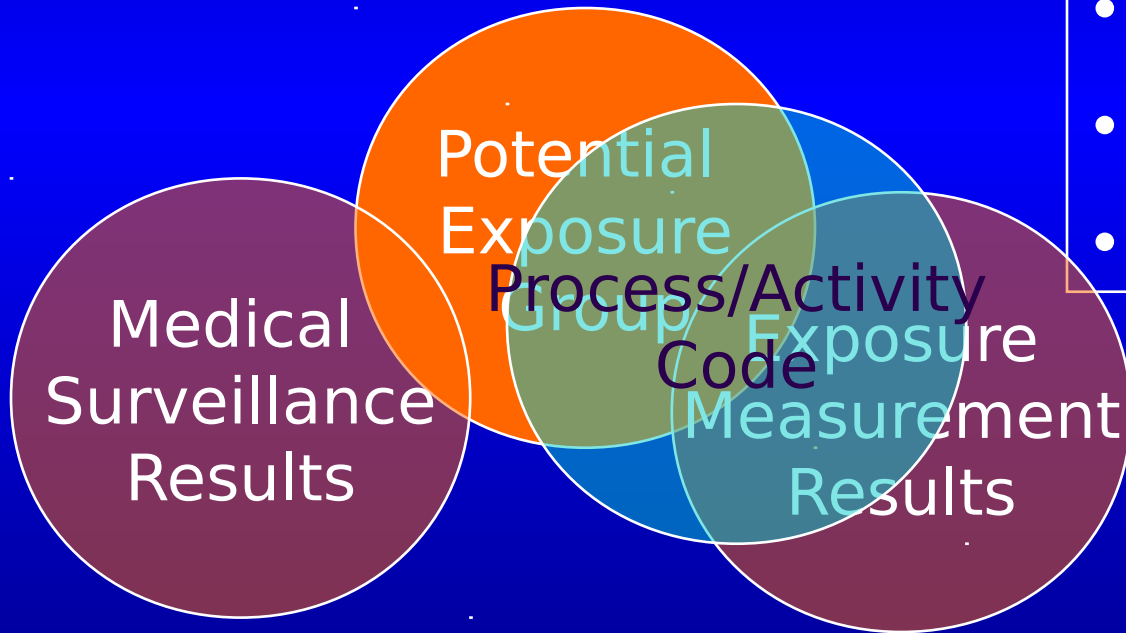
you want an easy to use tool to implement an effective and efficient occupation

Command Core Future

The Ghost of Version 4.4

7 Words About Future

- Management Views
- Customer Focus
- Infinity and Beyond



Buy this if....

the design team met your expectations for cost and performance

The New Command Core

AFI 48-145 and an HSI Near You

- ◆ Purpose of AFI 48-145
 - Enhance overall mission effectiveness
 - Comply with laws and regulations
- ◆ Tool: Command Core Present

The New Command Core

AFI 48-145 and an HSI Near You

- ◆ AFI 48-145
 - Routine Surveillance
 - Special Surveillance
- Tool: Command Core Present

The New Command Core

AFI 48-145 and an HSI Near You

- ◆ Routine Surveillance
 - Identify worker health risks
 - Data required to characterize health risks
 - Additional evaluations needed
 - Program costs
 - Compliance
 - Reporting
- Tool: Command Core Present

The New Command Core

AFI 48-145 and an HSI Near You

- ◆ Special Surveillance
 - Outcome of Routine Surveillance
 - Prioritize
 - Confidence in Characterization and Existing Controls
 - Perform assessments in priority order
 - Decision Making/Reporting
 - Compliance
- Tool: Command Core Present

The New Command Core

The Current State - It's Industrial Hygiene Dummy

Define Shops

Define activity-based PEGs

Define
Activities

- Controls
- Materials
- Equipment

Identify Potential Hazards

Perform Risk Assessment

Plan a Project

Activity

Assorted Definitions alla Webster

Task - any piece of work

Process - a particular method of doing something, generally involving a number of steps or operations

Operation - a process or action that is part of a series in some work

Step - any of a series of acts, processes, etc.

Activity - any specific action

Action - an act or thing done

Activity

Assorted Definitions alla Webster

Task - any piece of work

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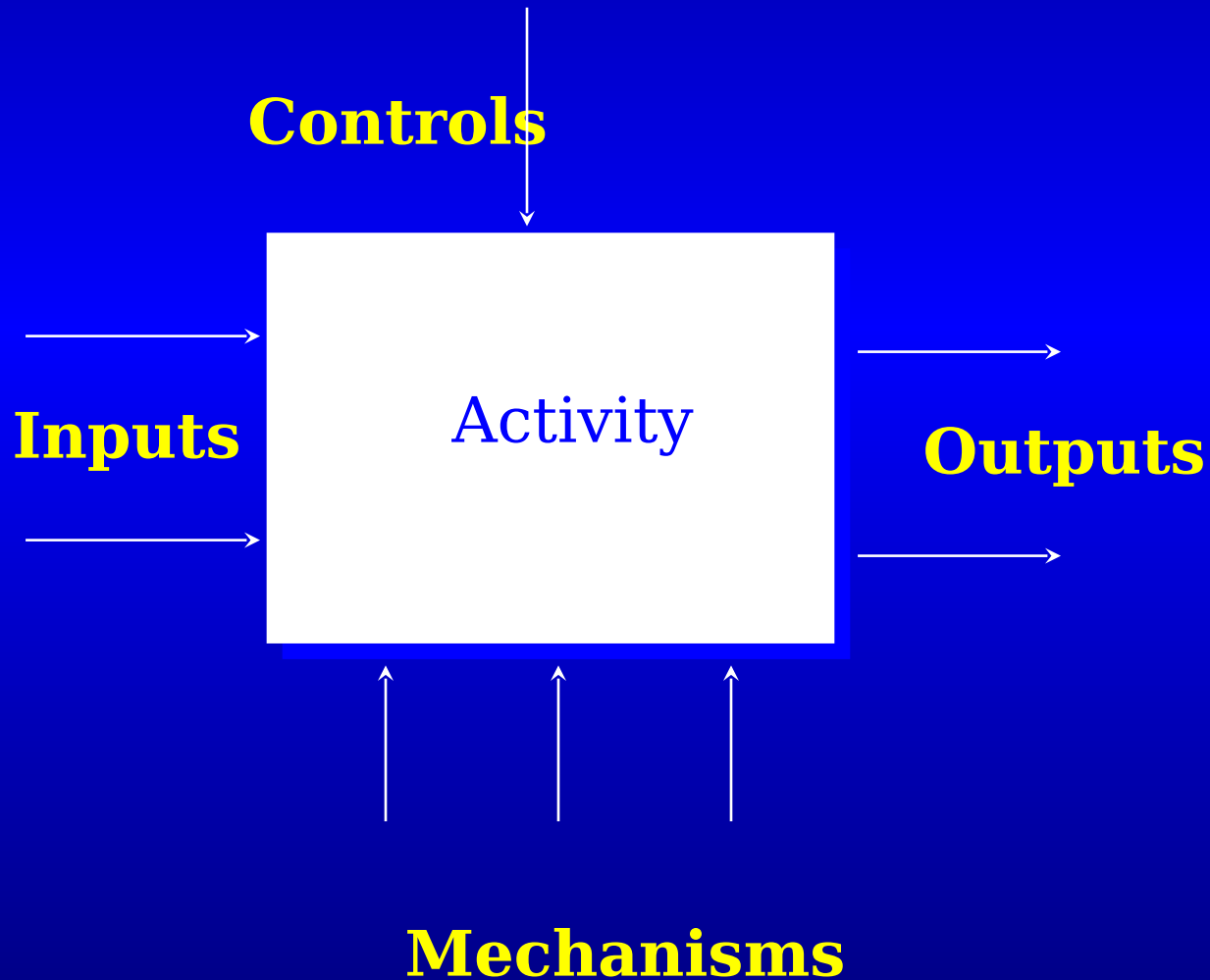
Step - any of a series of acts, processes, etc.

Activity - any specific action

Action - an act or thing done

Interpretation - the stuff people do at work

Activity IDEF



Activity IDEF

Controls

Regulations (all levels)

Aircraft to be treated

Inputs

Materials

Activity

Treated Aircraft

Outputs

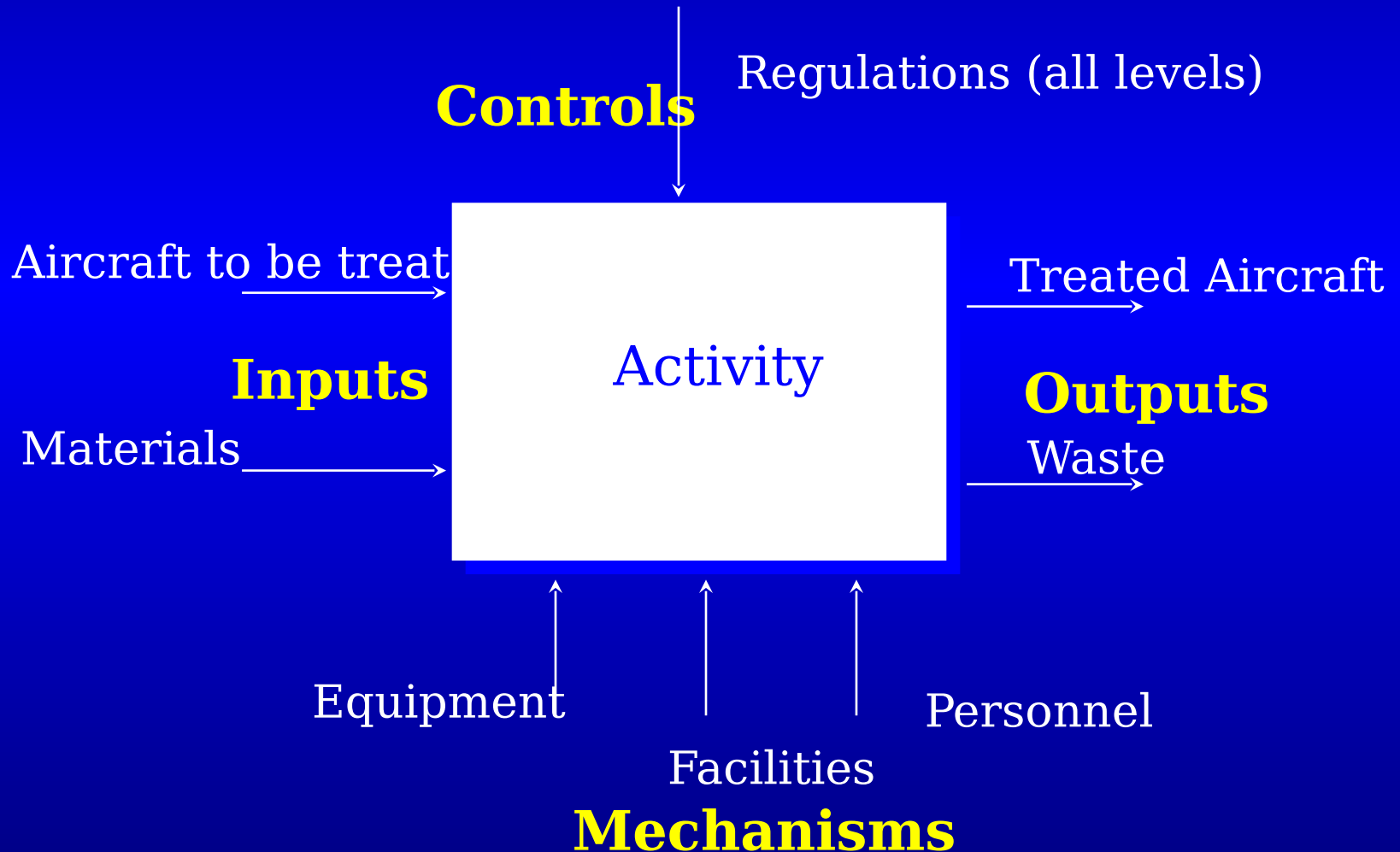
Waste

Equipment

Facilities

Personnel

Mechanisms



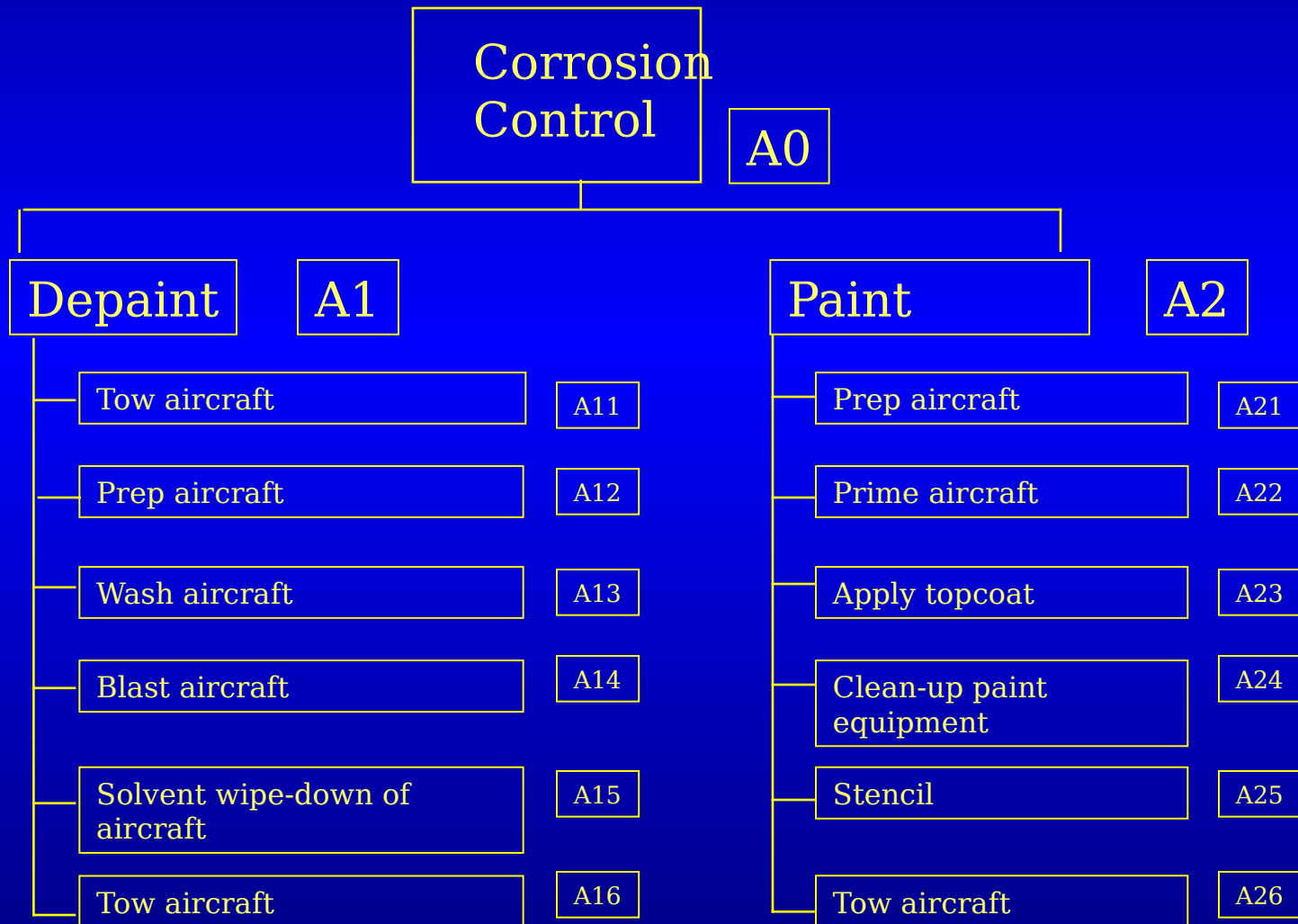
Activity

Definition alla AFI 48-145

- Activity - any item of work or situation, that poses a risk, and may require evaluation and control.
- Interpretation
 - Define as necessary to capture variables that effect the risk
 - Hazard Type, IH Assessment, Controls, Medical Surveillance
 - Define to the degree required to meet regulatory drivers
 - Permits, Permits, and Permits
- CCS Version 4.3 Activity Codes
 - What are you doing? The action performed - verb
 - How are you doing? The method - how based upon what

Activity

An Example in IDEF



Activity

Same Example in CCS

- ◆ Workplace: Structural Maintenance
- ◆ PEG: Structural Maintenance
- ◆ Activities
 - ◆ Tow
 - ◆ Prep aircraft
 - ◆ Wash
 - ◆ Blast
 - ◆ Solvent wipe
 - ◆ Prime
 - ◆ Topcoat
 - ◆ Clean
 - ◆ Stencil

*And Now For your IH
pleasure
Lt Col Dooley proudly
presents*

Command Core

Hands-On Agenda

- ◆ Objectives
- ◆ Senario
- ◆ Logging On
- ◆ Electronic Structure
 - ◆ IOC & FOC?
- ◆ Data Entry
- ◆ Summary

Hands-on Objectives

- ◆ Understand CCS's Electronic "Casefile" Structure
- ◆ Build-up an Electronic "Casefile"
- ◆ Understand CCS's Role in Becoming 48-145 Risk Management Compliant

Sub-Objective

**Understand IOC and FOC
Criteria**

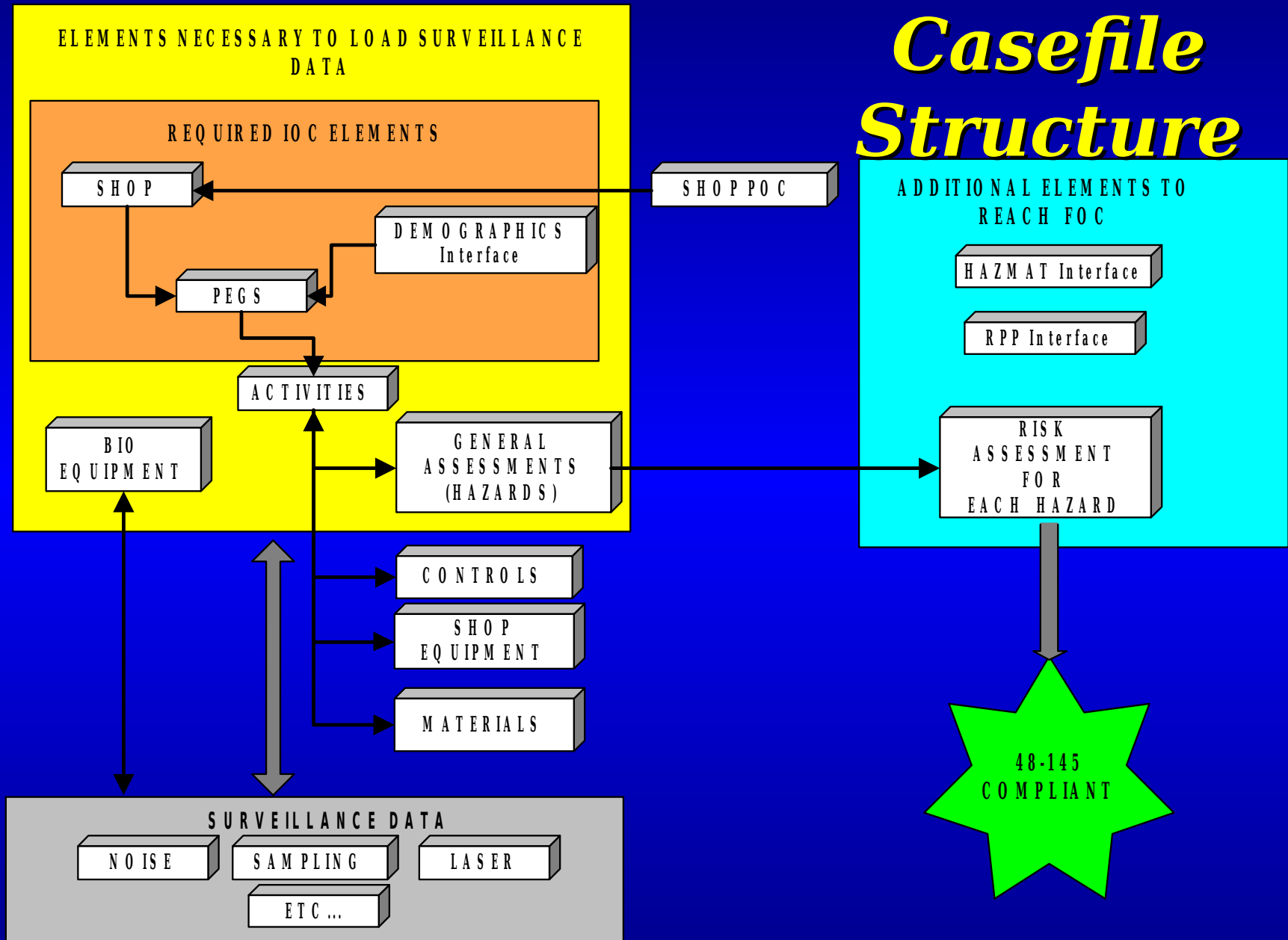
SENARIO

- ◆ You're the POC on Structural Maintenance
 - ◆ 1 Shop with 1 PEG (Everyone in the shop does all the activities forming a common Exposure Group)
 - ◆ 9 Activities
 - ◆ 40 Potential Hazards
- ◆ You need to build up the electronic casefile
 - ◆ Manage Risk
 - ◆ Allow Surveillance Data Input

LOGGING IN

- ◆ User Names: Student#
- ◆ Passwords: Student#
- ◆ STOP – Rules of Engagement
 - ◆ Do not jump around or go ahead
 - ◆ Commit only when directed

Electronic Casefile Structure

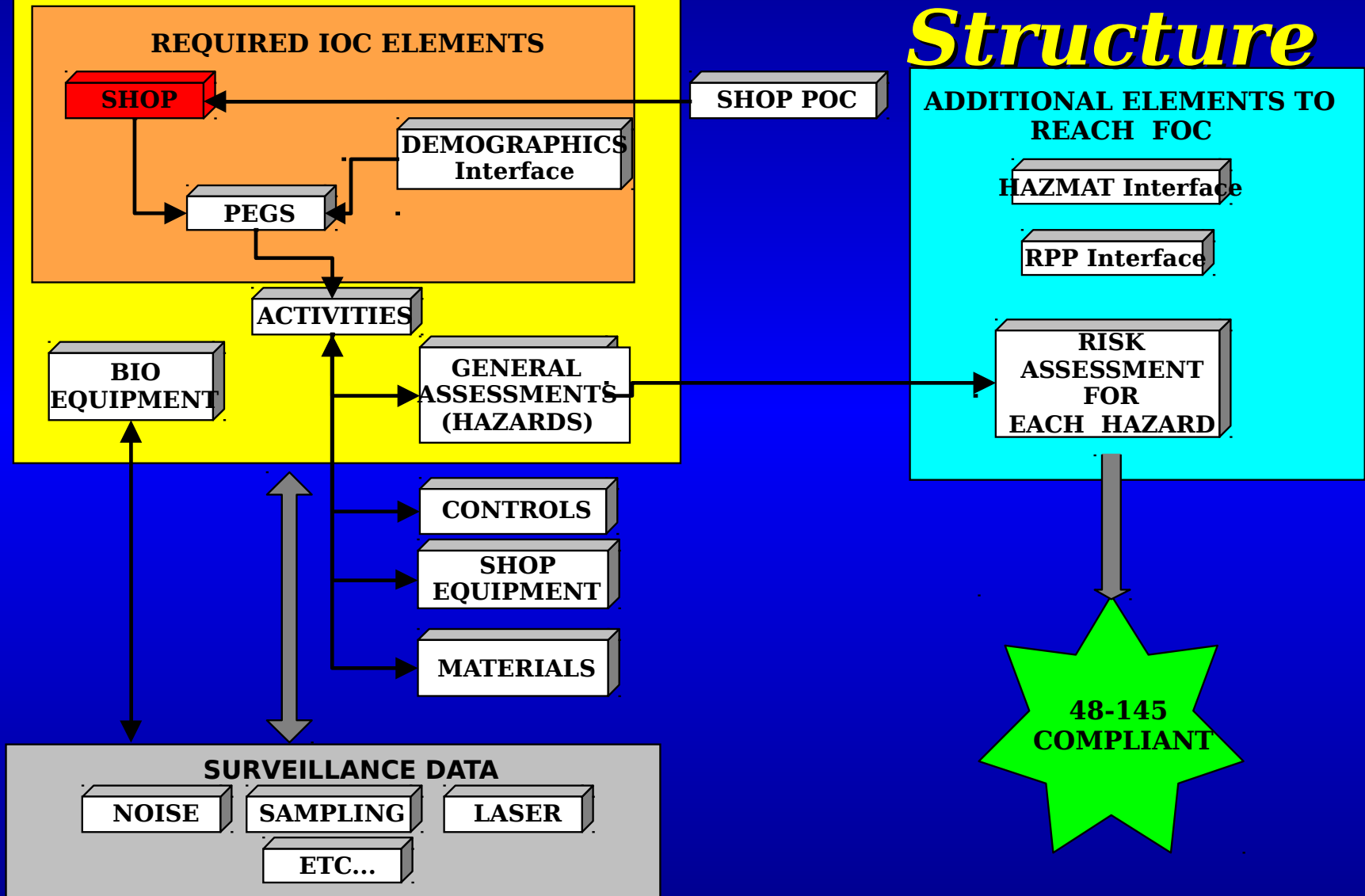


MANAGEMENT VIEW

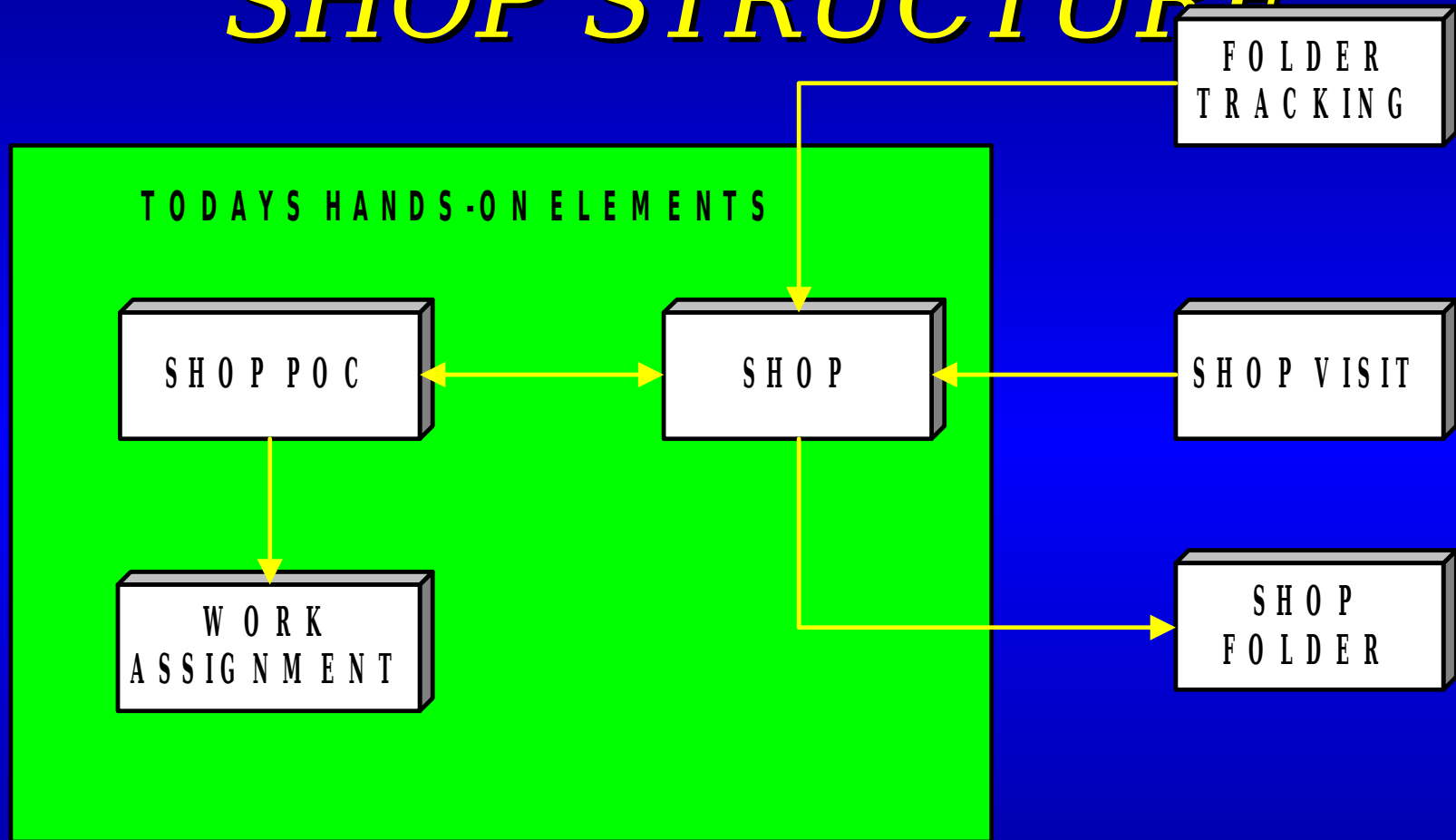
- ◆ The Electronic Casefile View
- ◆ Let's Bring It Up
 - ◆ Select "INDUSTRIAL HYGIENE MENU"
 - ◆ Select "MANAGEMENT VIEWS"
- ◆ Management View
 - ◆ Overview

Electronic Casefile Structure

ELEMENTS NECESSARY TO LOAD SURVEILLANCE DATA



SHOP STRUCTURE

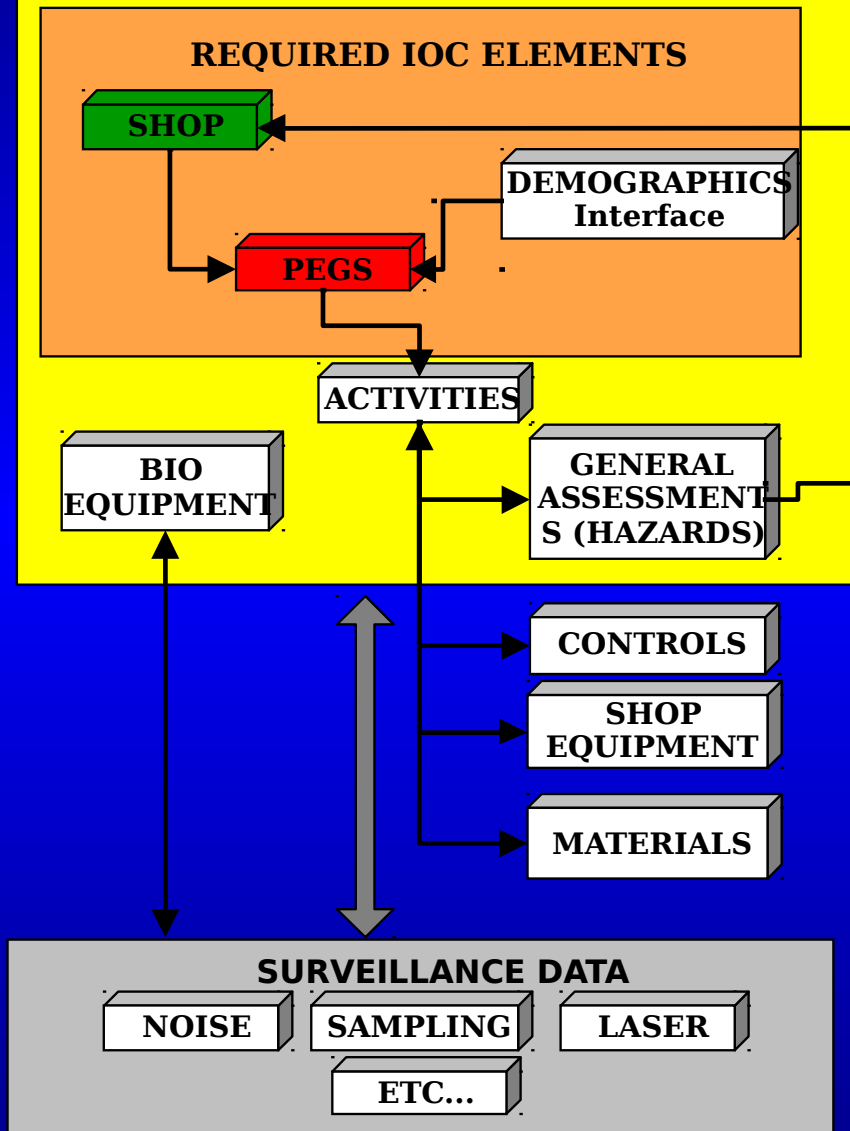


SHOP

- ◆ Highlight “SHOP” In the Tree Structure
 - ◆ Click “CREATE A SHOP” Button
- ◆ Data To Enter:
 - ◆ WIC: USE LAST 4
 - ◆ Name Format
 - ◆ LAST 4 + STRUCTURAL MAINTENANCE
 - ◆ Example “7362 STRUCTURAL MAINTENANCE”
 - ◆ CATEGORY: CAT 1
 - ◆ COMMIT DATA
- ◆ Select Shop POC Button At Top
 - ◆ Select A Name
 - ◆ COMMIT and EXIT
- ◆ EXIT

Electronic Casefile Structure

ELEMENTS NECESSARY TO LOAD SURVEILLANCE DATA



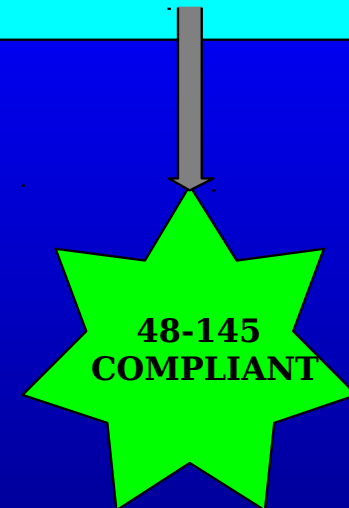
SHOP POC

ADDITIONAL ELEMENTS TO REACH FOC

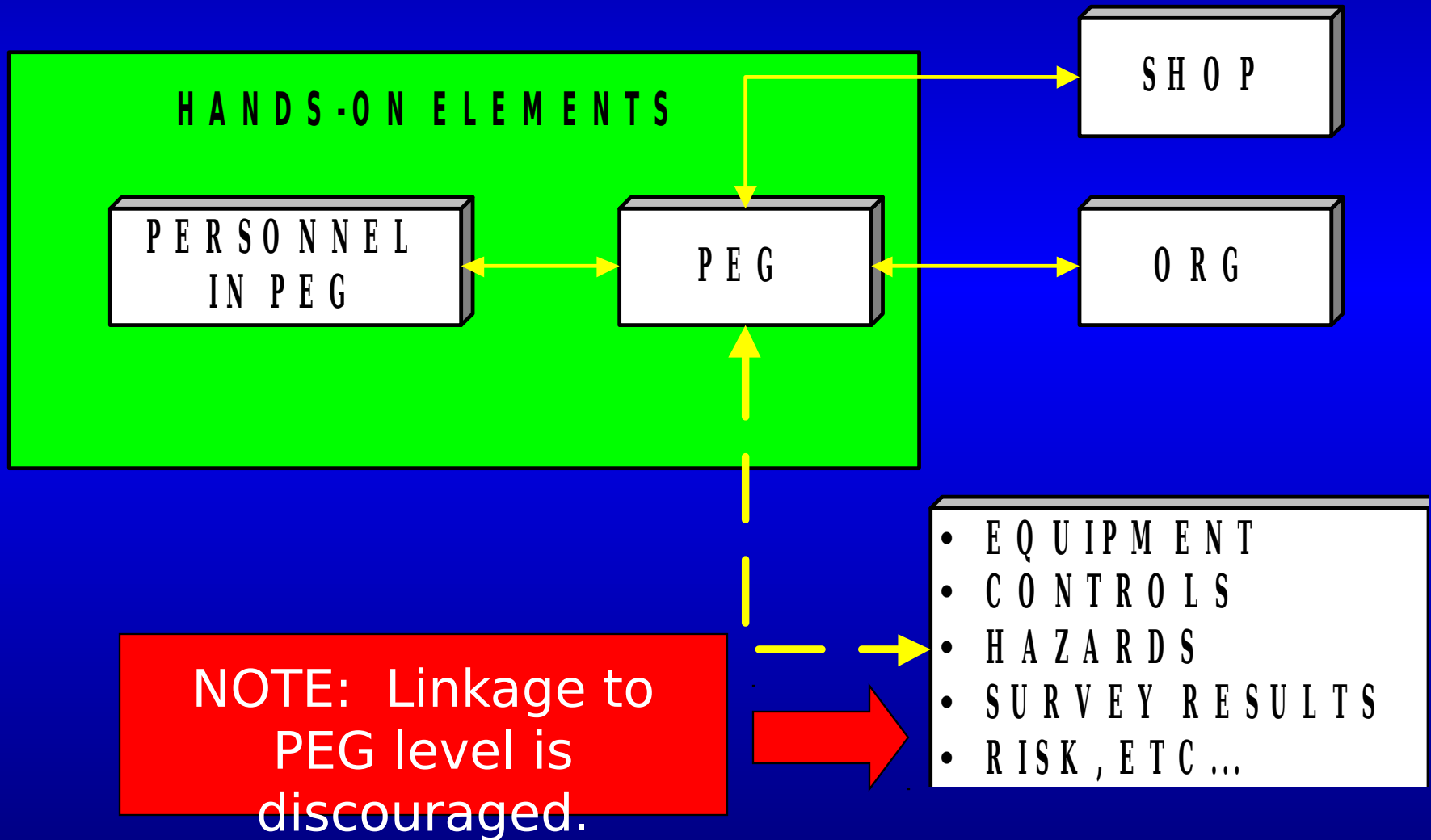
HAZMAT Interface

RPP Interface

RISK
ASSESSMENT
FOR
EACH HAZARD



PEG STRUCTURE



PEG

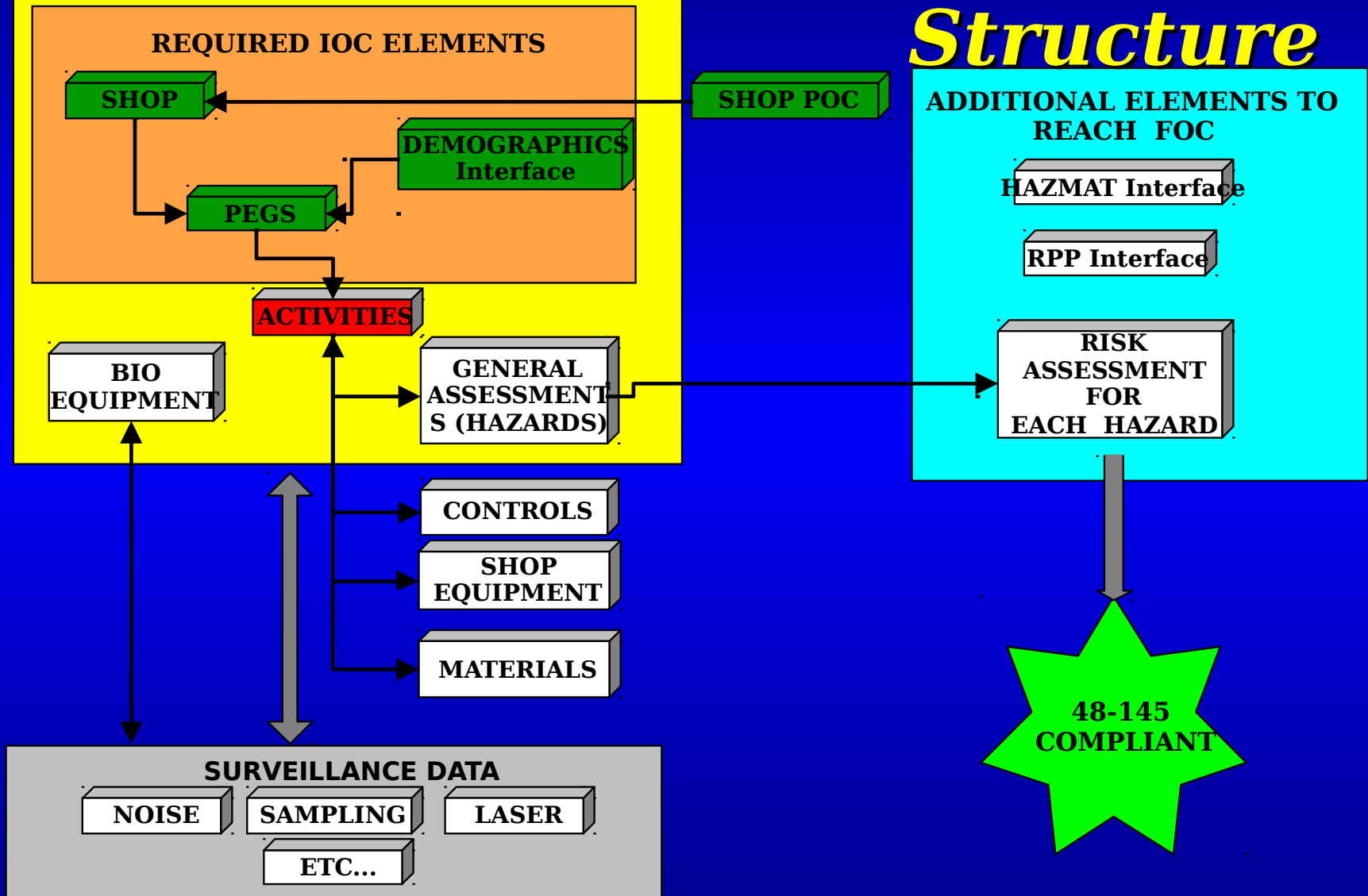
- ◆ Highlight Your Shop In The MNGT View
 - ◆ Select “ADD A PEG TO THE SHOP”
- ◆ PEG NUMBER: Use Last 4
- ◆ Name Format
 - ◆ LAST 4 + STRUCTURAL MAINTENANCE
- ◆ WIC
 - ◆ AUTOMATIC!
- ◆ Start Date: Today's Date “2001/03/0?”
- ◆ Category
 - ◆ Optional
- ◆ COMMIT & EXIT

ADDING PERSONNEL

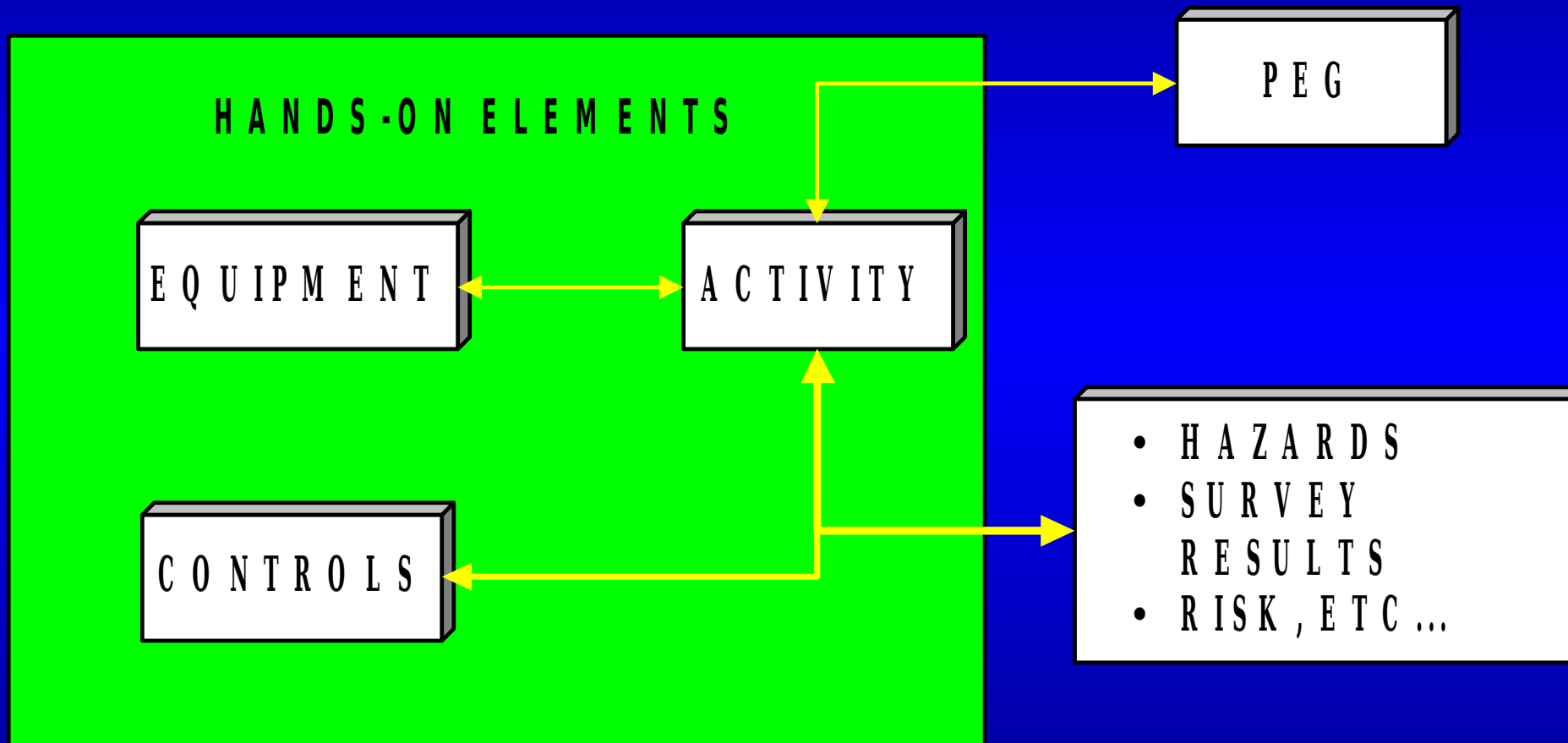
- ◆ Highlight The PEG In The Tree Structure
- ◆ Select Button “ASSIGN EMPLOYEE TO PEG”
- ◆ Add Several People Using Today’s Date
- ◆ COMMIT and Exit

Electronic Casefile Structure

ELEMENTS NECESSARY TO LOAD SURVEILLANCE DATA



Activity Structure



ACTIVITY

- ◆ Senario
 - ◆ Aircraft Priming
 - ◆ Using HVLP Spray Guns
- ◆ Highlight PEG In Tree
- ◆ Select Button “CREATE AN ACTIVITY AND ASSIGN TO A PEG”

ACTIVITY CONTI...

- ◆ Common Activity: Find “PAINTING/COATING”
- ◆ Method: Find “SPRAY – HVLP GUN”
- ◆ Base Specific: Optional
- ◆ Process Name: Aircraft Priming
- ◆ Enter Dates
 - ◆ Process And Process Activation Date To PEG
- ◆ Let’s Review This Form
- ◆ Commit And Return

ADDING CONTROLS TO AN ACTIVITY

- ◆ Highlight The Activity You Just Created
- ◆ Select The Button “ADD A CONTROL TO THE ACTIVITY”

CONTROLS CONTI...

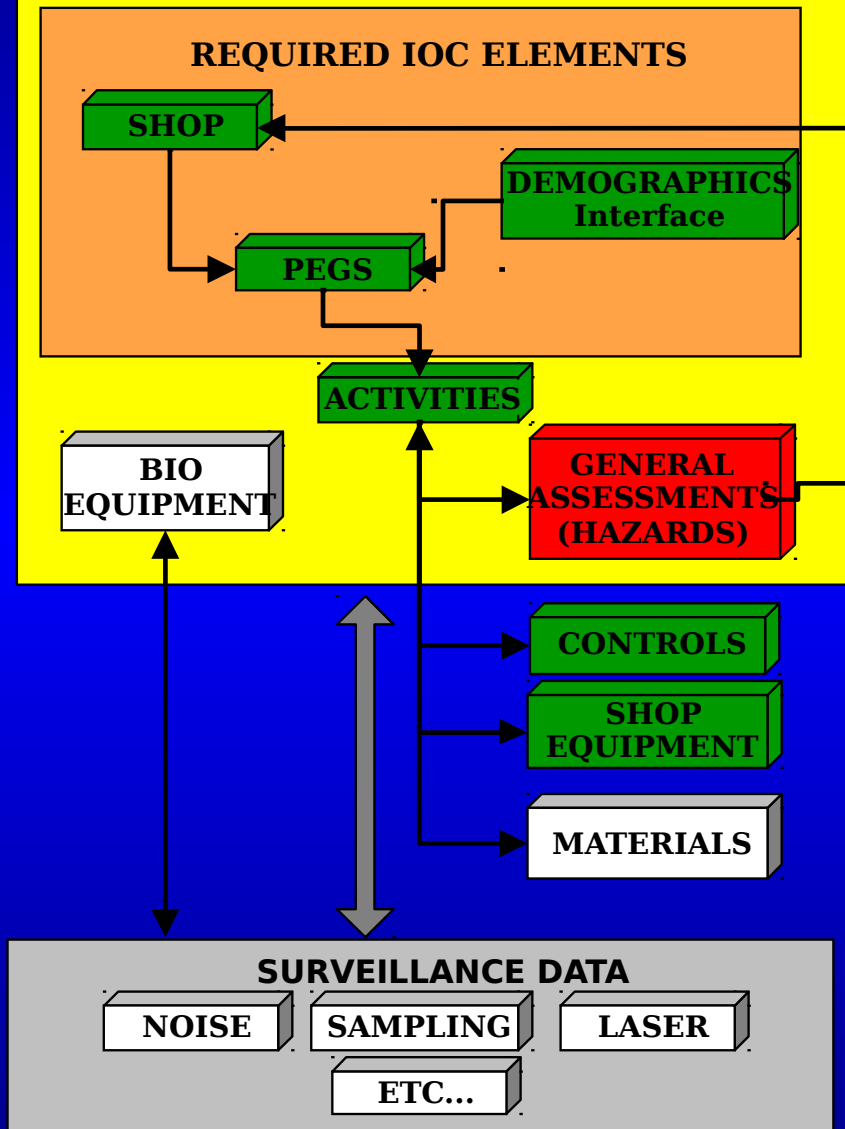
- ◆ ADD:
 - ◆ REQUIRED RESPIRATOR
 - ◆ PAINT BOOTH (VENTILATION)
- ◆ COMMIT and EXIT

Equipment

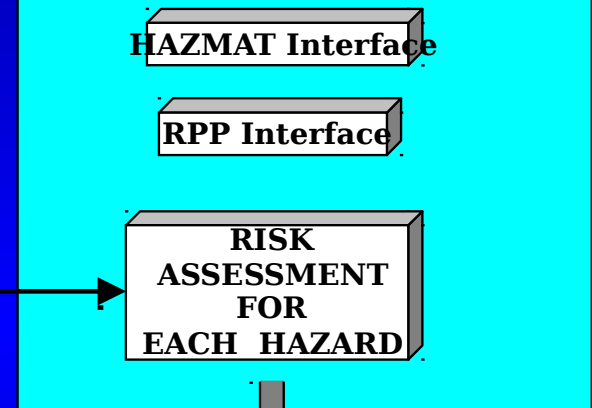
- ◆ Highlight Activity in MGNT VIEW
 - ◆ Select “ADD EQUIPMENT TO THE ACTIVITY”
- ◆ Hit F9 (List of Values)
- ◆ Enter %booth%
 - ◆ Pick One and Enter (OK)
- ◆ Start Date: Today's Date
- ◆ COMMIT and EXIT

Electronic Casefile Structure

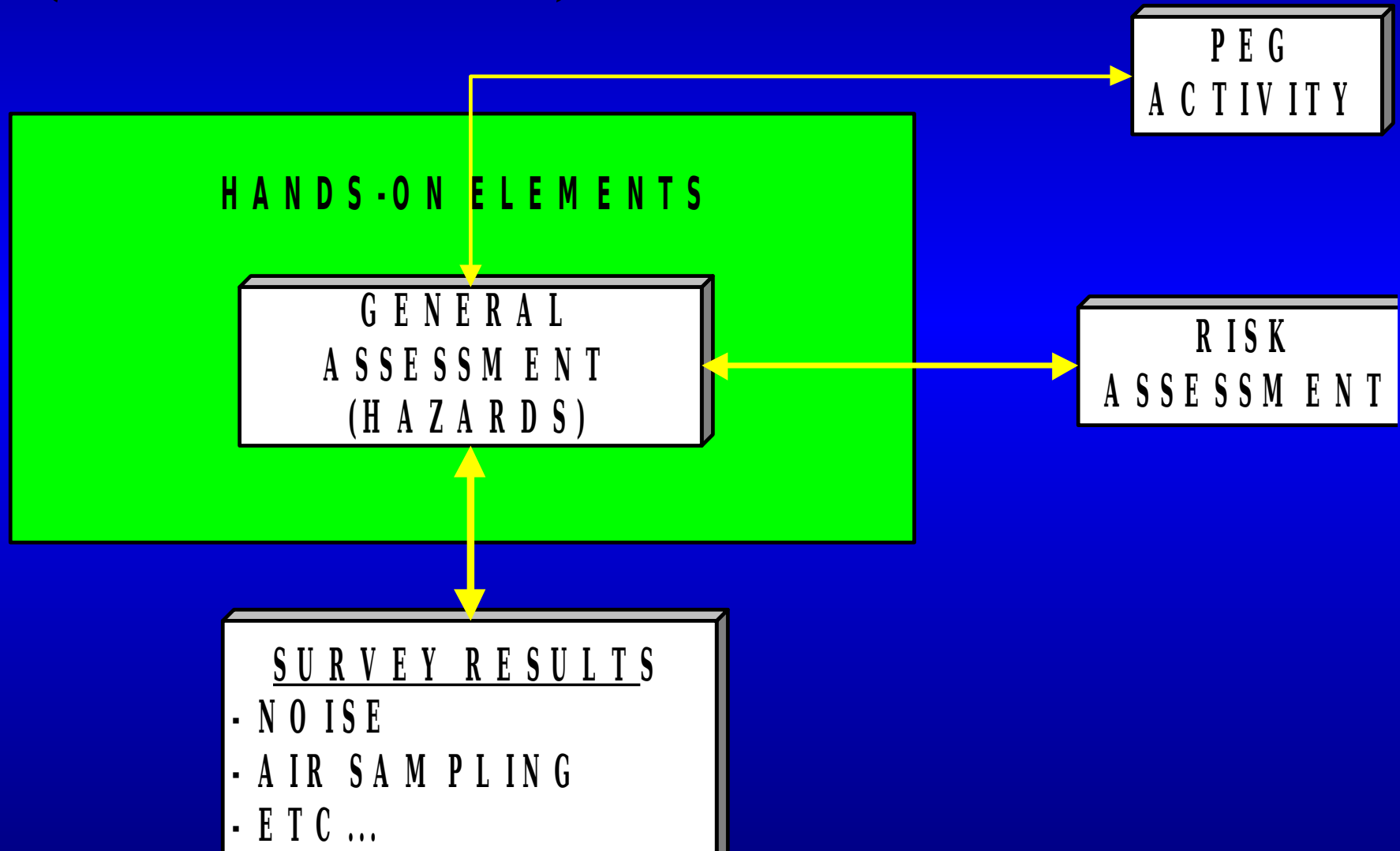
ELEMENTS NECESSARY TO LOAD SURVEILLANCE DATA



ADDITIONAL ELEMENTS TO REACH FOC



GENERAL ASSESSMENT (HAZARDS) STRUCTURE



General Assessment (HAZARDS)

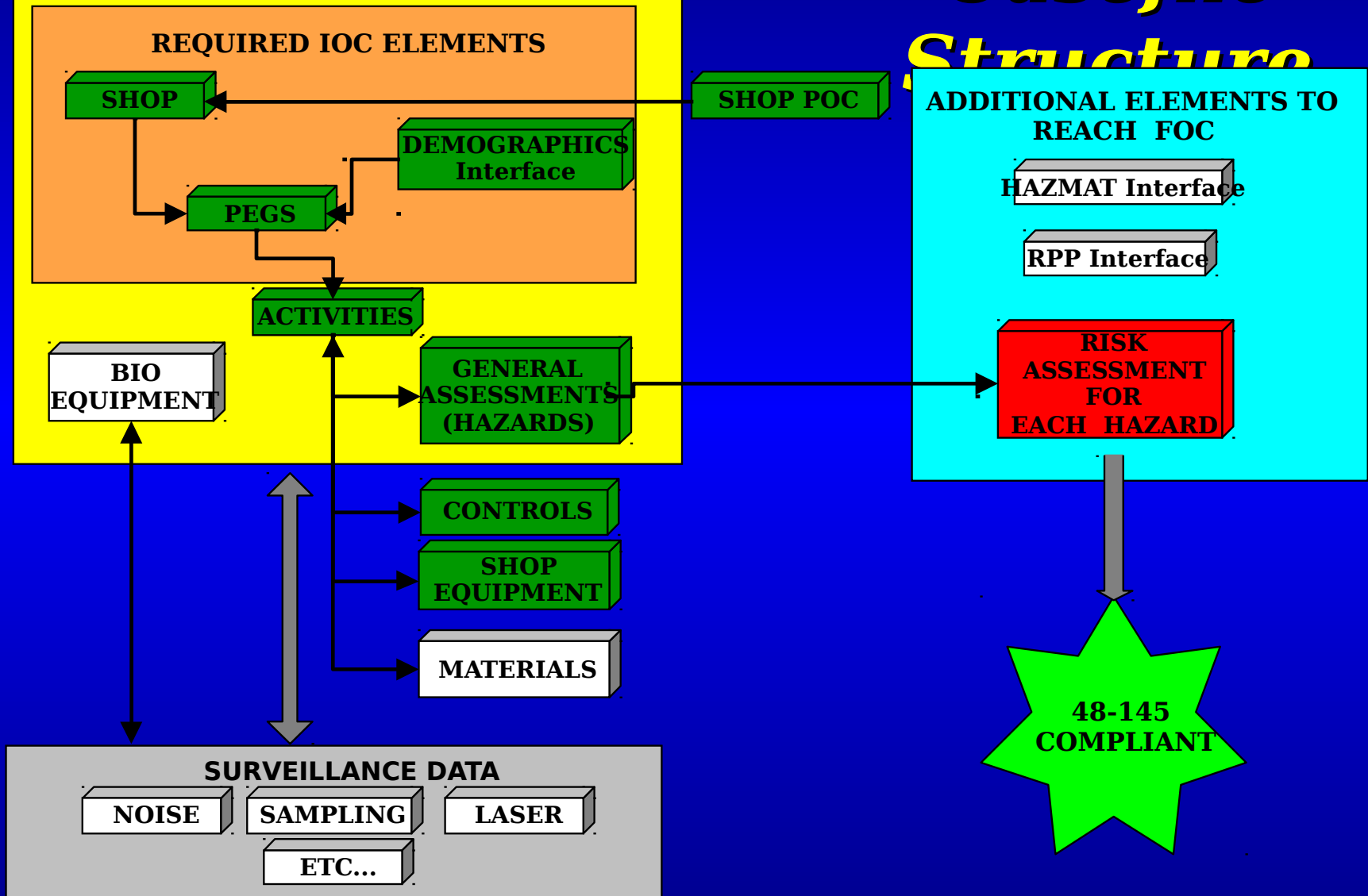
- ◆ Activity: Aircraft Priming
- ◆ HAZARDS:
 - ◆ Noise
 - ◆ Ergonomics
 - ◆ Chemical
 - ◆ Inhalation and contact
- ◆ Highlight Activity In View
- ◆ Select Button “ADD HAZARDS TO THE ACTIVITY”

HAZARDS

- ◆ FUNCTIONAL AREA:
BIOENVIRONMENTAL
ENGINEERING
- ◆ Select HAZARDS
 - ◆ Chemical: Inhalation, contact
 - ◆ Ergonomics
 - ◆ Noise
- ◆ Let's Review This Form
- ◆ Commit and Exit

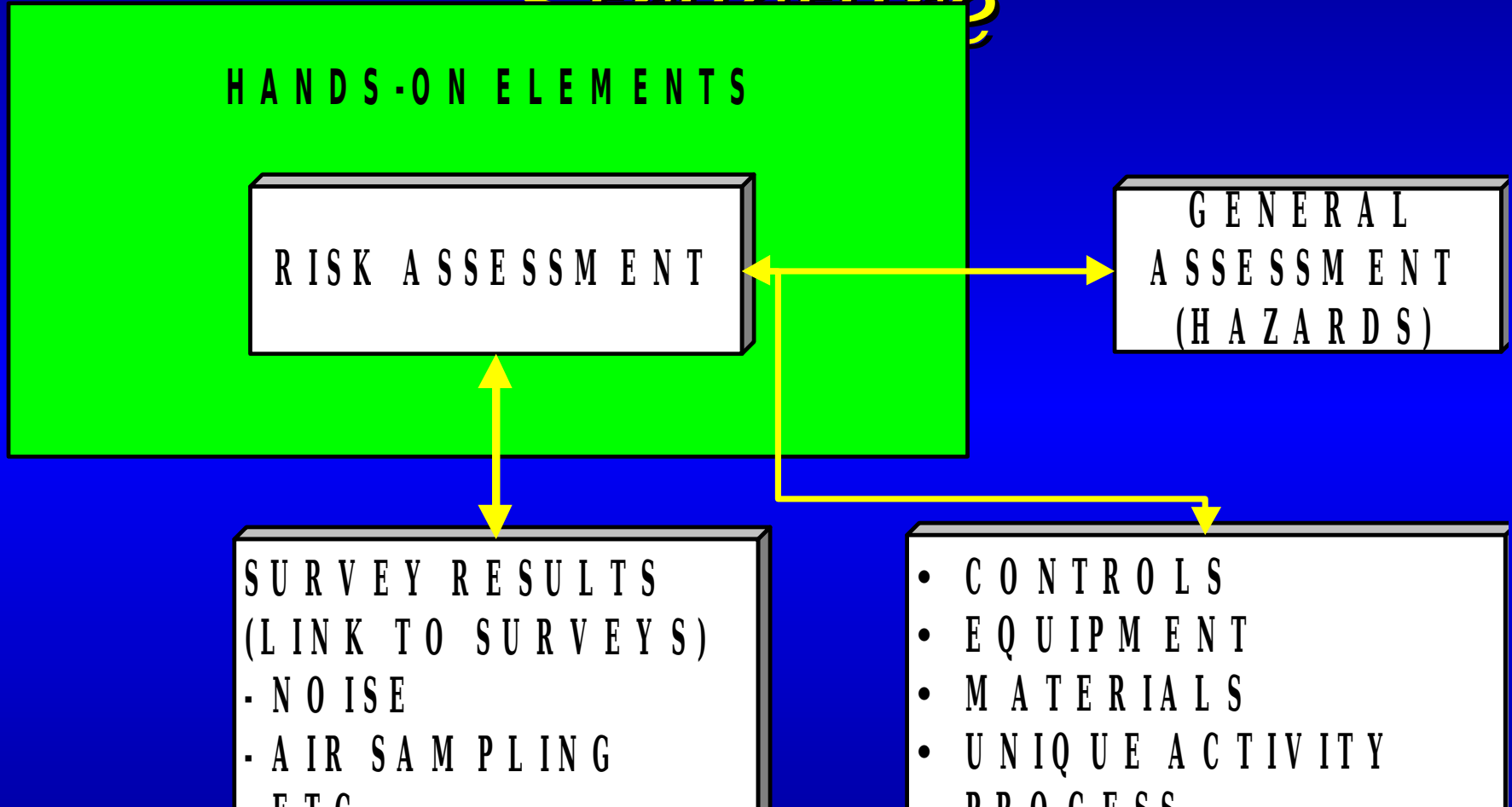
Electronic Casefile Structure

ELEMENTS NECESSARY TO LOAD SURVEILLANCE DATA



Risk Assessment

Structure?



Risk Assessment

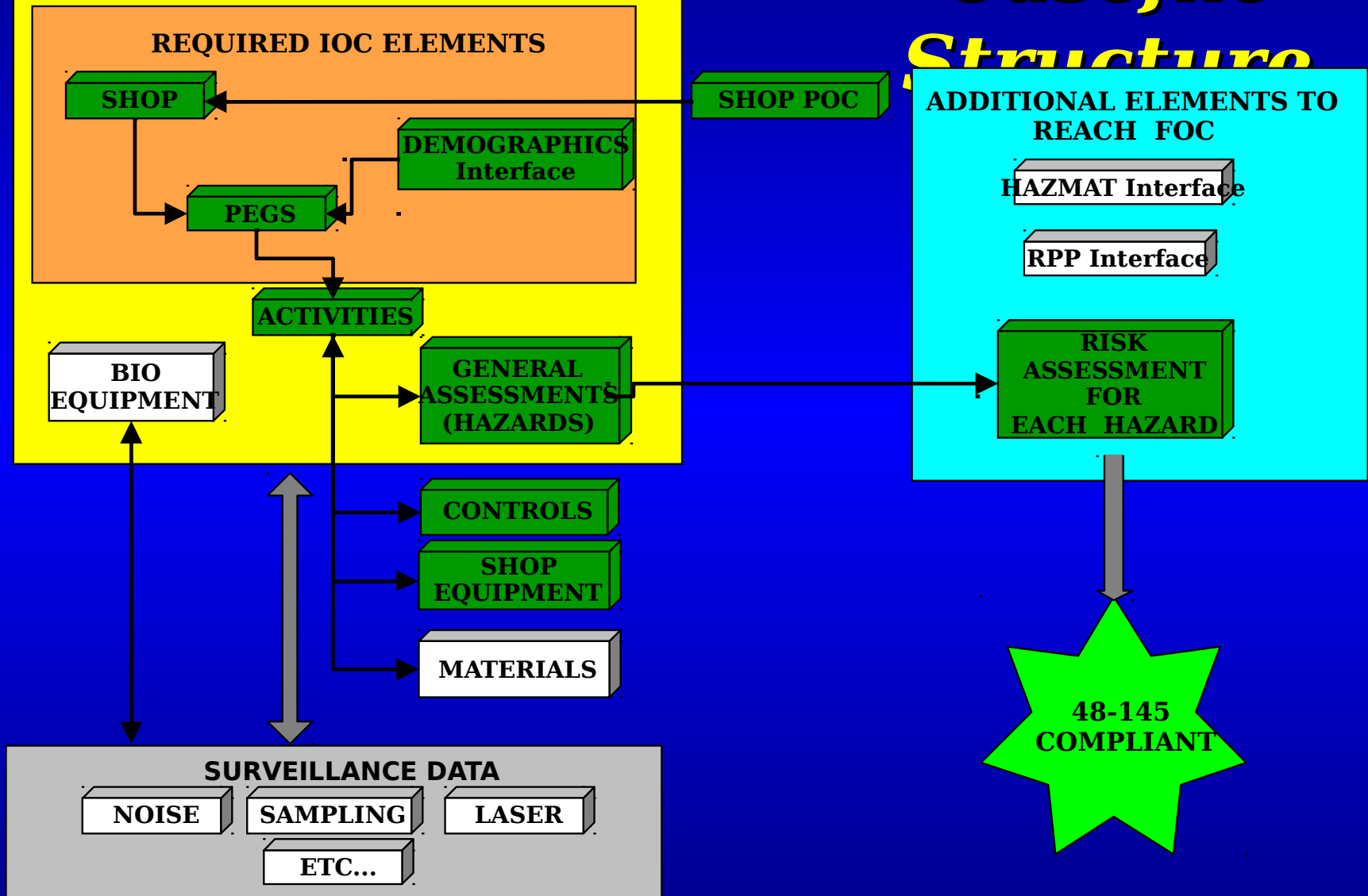
- ◆ Highlight a HAZARD in the VIEW
- ◆ Select the BUTTON “ADD ACTIVITY RISK”
- ◆ Select Chemical Inhalation Hazard
- ◆ In The “RISK RATING” SUBFORM
 - ◆ Select “INSERT”

Risk Rating

- ◆ ENTER:
 - ◆ RATING TYPE: IHE
 - ◆ RATING CODE: PICK ONE
 - ◆ ASSESSED BY: PICK ONE
- ◆ CLICK “INSERT”
- ◆ LET’S REVIEW THIS FORM
- ◆ COMMIT AND EXIT

Electronic Casefile Structure

ELEMENTS NECESSARY TO LOAD SURVEILLANCE DATA



Review

- ◆ Electronic Casefile
 - ◆ Management View
 - ◆ What and how
 - ◆ Navigator
- ◆ Risk Management
 - ◆ Relational system – no more redundant 27 series forms
 - ◆ Tightly integrated General Assessment & Risk Management Forms
- ◆ Utilize Risk Management
 - ◆ Become 48-145 Compliant

Review conti...

- ◆ IOC Based On
 - ◆ Loading all Shops & PEGs – CAT 1s Only!
 - ◆ Running Military and Civilian Demographics Monthly
- ◆ FOC Based On
 - ◆ IOC +
 - ◆ 50% of CAT 2 Shops & PEGS
 - ◆ Running HAZMAT and RPP I/F (Industrial only)
 - ◆ Weighted
 - ◆ Each Hazard Loaded has a Corresponding Risk Rating